

WEST Search History

DATE: Monday, November 24, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
	<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR</i>		
L10	replicable adj6 display adj6 antibody	8	L10
L9	L8 and pepscan or spotscore	14	L9
L8	phage adj5 display adj5 antibody adj5 library	474	L8
L7	(bacteriophage adj6 (antibodies or scfv)) and pepscan	0	L7
L6	L5 and pepscan	46	L6
L5	phage adj6 antibody	3840	L5
L4	L3 and overlap adj6 sets	1	L4
L3	L2 and (antigen or oligopeptide) adj6 (pins or beads or solid phase)	760	L3
L2	phage adj4 (antibody or scFv or Ig)	3107	L2
	<i>DB=USPT; PLUR=YES; OP=OR</i>		
L1	6265150.pn.	1	L1

END OF SEARCH HISTORY

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptaul83tw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 CA/CAPLUS records now contain indexing from 1907 to the
present
NEWS 4 AUG 05 New pricing for EUROPATFULL and PCTFULL effective
August 1, 2003
NEWS 5 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 6 AUG 18 Data available for download as a PDF in RDISCLOSURE
NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right
Truncation
NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR
NEWS 10 SEP 22 DIPPR file reloaded
NEWS 11 SEP 25 INPADOC: Legal Status data to be reloaded
NEWS 12 SEP 29 DISSABS now available on STN
NEWS 13 OCT 10 PCTFULL: Two new display fields added
NEWS 14 OCT 21 BIOSIS file reloaded and enhanced
NEWS 15 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced
NEWS 16 NOV 24 MSDS-CCOHS file reloaded

NEWS EXPRESS NOVEMBER 14 CURRENT WINDOWS VERSION IS V6.01c, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 18:04:46 ON 24 NOV 2003

=> file ca medline

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'CA' ENTERED AT 18:05:06 ON 24 NOV 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'MEDLINE' ENTERED AT 18:05:06 ON 24 NOV 2003

=> s replicable(5w)display(5w)(antibody or ab or scfv or Vl or vH)
L1 1 REPLICABLE(5W) DISPLAY(5W)(ANTIBODY OR AB OR SCFV OR VL OR VH)

=> d l1 ti au so py ab

L1 ANSWER 1 OF 1 CA COPYRIGHT 2003 ACS on STN
TI Antibody screening from replicable genetic display package (rgdp) library
for therapeutic use
IN Kurosawa, Yoshikazu; Akahori, Yasushi; Hirono, Yukari; Kakita, Mai;
Suzuki, Kazuhiro; Okuno, Yoshinobu
SO PCT Int. Appl., 171 pp.
CODEN: PIXXD2
PY 2003
AB An affinitive linker is introduced into a target substance and captured by
a binding partner capable of binding to the affinitive linker to thereby
select a binding mol. capable of binding to the target substance. For
example, a sugar chain contained in an influenza virus antigen
(hemagglutinin) is labeled with an affinitive linker such as biotin and
allowed to bind to streptavidin serving as a binding partner and then
recovered. Thus, an antibody binding to the antigen can be easily concd.
This method of selecting a binding mol. is useful in screening a
neutralizer.

=> s phage display antibody
L2 145 PHAGE DISPLAY ANTIBODY

=> s l2 and pepscan or spotsan
L3 10 L2 AND PEPSCAN OR SPOTSCAN

=> d l3 1-10 ti au so py ab

L3 ANSWER 1 OF 10 CA COPYRIGHT 2003 ACS on STN
TI Delineation of a neutralizing subregion within the immunodominant epitope
(GH loop) of foot-and-mouth disease virus VP1 which does not contain the
RGD motif
AU Brown, Fred; Benkirane, Nadia; Limal, David; Halimi, Hubert; Newman, John
F. E.; Van Regenmortel, Marc H. V.; Briand, Jean-Paul; Muller, Sylviane
SO Vaccine (1999), 18(1-2), 50-56
CODEN: VACCDE; ISSN: 0264-410X
PY 1999
AB The major immunogenic site of foot-and-mouth disease virus (FMDV) is
contained in a disordered loop comprising residues 134-158 of capsid
protein VP1, located on the surface of the viral particle. Peptides
corresponding to this sequence generally elicit protective levels of
neutralizing antibodies in guinea pigs. In some instances, however, the
level of neutralizing antibodies is low although the level of antibodies
against the peptide, detd. by ELISA, is as high as that in the sera with
high neutralizing antibody titers. In an attempt to ascertain the reason
for this difference, we have synthesized on a cellulose membrane 10
overlapping decapeptides, offset by one residue, covering the segment
141-159 of VP1 of two viruses belonging to serotypes A12 and O1, and
tested them with guinea pig antisera raised against peptide 141-159, VP1
and FMDV particles (**SPOTscan** method). With type A, some
peptides which were strongly pos. with highly neutralizing antisera did
not include the RGD triplet located at residues 145-147. In contrast,
antisera with low neutralization titers reacted only with decapeptides
which included the RGD motif. Moreover, peptide 147-156 coupled to
keyhole limpet hemocyanin, but not peptide 141-149 coupled to the same
carrier, elicited high levels of neutralizing antibodies in guinea pigs.